

LeA 35,240  
(138\*2340)

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Form PTO-1449		JUN 28 2002	ATTY. DOCKET NO. LeA 35,240	SERIAL NO. 10/081,628
CITE OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		TECHNOLOGY CENTER 2800 APPLICANT: Ingmar Dorn, et al.		
MAY 13 2002 PATENT & TRADEMARK OFFICE		FILING DATE: 2/20/02	GROUP 1713 3652	MAY 14 2002 Technology Center 2800

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,308,079	12/29/81	Venables, et al	148	6.15R	MAY 24 2002 Technology Center 2800
AB	4,815,843	3/28/89	Tiefenthaler, et al.	356	128	
AC	4,904,634	2/27/90	Wieserman, et al.	502	401	
AD	5,171,264	12/15/92	Merrill	623	3	
AE	5,442,169	8/15/95	Kunz	250	227.21	
AF	5,959,292	9/28/99	Duveneck, et al.	250	227.11	
AG	5,919,712	7/06/99	Herron, et al.	436	518	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AI	0,596,421	5/11/94	EPO			See BA
AI	0,759,159	2/26/97	EPO			
AK	0,887,645	12/30/98	EPO			
AL	198 18 360	4/11/99	Germany			See BB
AM	2,221,466	2/07/90	Great Britain			
AN	96/35940	11/14/96	World			

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AO	Buckland, R.M., <i>Strong signals from streptavidin - biotin</i> , <i>Nature</i> 320, pp. 557-558, (1986).
AP	Porath, J., <i>"Immobilized Metal Ion Affinity Chromatography,"</i> <i>Protein Expression and Purification</i> 3; pp. 263-281 (1992)
AQ	Piehler, J., et al., <i>"Surface modification for direct immoprobes,"</i> <i>Biosensors &amp; Bioelectronics</i> 11, pp. 579-590 (1996)

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<i>C</i>	<i>AS</i>	Clerc, D., et al., "Direct immunosensing with an integrated-optical output grating coupler," <u>Sensors and Actuators B</u> 40, pp. 53-58 (1997)
	<i>AT</i>	Beste, G., et al., "Small antibody-like proteins with prescribed ligand specificities derived from the lipocalin fold," <u>Proc. Natl. Acad. Sci. USA</u> 96, pp 1898-1903 (1999)
	<i>AU</i>	Brovelli, D., et al., "Highly Oriented, Self-Assembled Alkane-phosphate Monolayers on Tantalum (V) Oxide Surfaces," <u>Langmuir</u> 15; pp 4324-4327 (1999)
	<i>AV</i>	Skerra, A., et al., "Applications of a peptide ligand for streptavidin: the Strep-tag," <u>Biomolecular Engineering</u> 16; pp. 79-86 (1999)
	<i>AW</i>	Budach, W., et al., "Planar Waveguides as High-Performance Sensing Platforms for Fluorescence-Based Multiplexed Oligonucleotide Hybridization Assays," <u>Anal. Chem.</u> 71, pp. 3347-3355 (1999)
	<i>AX</i>	Schneider, B. H., et al., "Highly sensitive optical chip immunoassays in human serum," <u>Biosensors &amp; Bioelectronics</u> 15; pp. 13-22 (2000)
	<i>AY</i>	Kenausis, G. L., et al., "Poly (L-lysine)-g-Poly (ethylene glycol) Layers on Metal Oxide Surfaces: Attachment Mechanism and Effects of Polymer Architecture on Resistance to Protein Adsorption," <u>J. Phys. Chem. B</u> 104; pp. 3298-3309 (2000)
	<i>AZ</i>	Dumazet-Bonnamour, I., et al., "Colloidal dispersion of magnetite nanoparticles via in situ preparation with sodium polyoxyalkylene di-phosphonates," <u>Colloids and Surfaces A: Physiological and Engineering Aspects</u> 173; pp. 61-71 (2000)
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EXAMINER <i>Jeffrey R. L.</i>	DATE CONSIDERED <i>7/9/04</i>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IN APPROPRIATE
AA	4,678,840	7/7/87	Fong, et al.	525	340	
AB	4,950,712	8/21/90	Letourneur et al.	525	54.2	
AC	5,019,269	5/28/91	Letourneur et al.	210	635	
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AK	EP 0 304 377	2/22/89	EPO			SEE AB & AC	
AL	DE 42 27 019	2/17/94	Germany			See AO	
AM	JP 53115794	10/09/78	Japan			SEE AN	

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AN	English language abstract for JP 53115794 (10/09/78).
AO	English language abstract for DE 4227019 (02/17/94).

EXAMINER <i>WEM/bjm</i>	DATE CONSIDERED <i>7/9/04</i>
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